BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work:- Providing Asphalting to Maheshwari Nagara 5th,6th & 7th Cross Road in Dasarahalli Ward No.15 T.Dasarahalli, Sub-Division

			Est. Cost Rs				16.35	Lakhs	
Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. **(P.138/I.19.1 SR 2014-15)**	Cum							
	Maheshwari Nagara 5th Cross		2	114.50	0.90	0.40	82.44		
	Maheshwari Nagara 6th Cross		2	114.50	1.00	0.40	91.60		
	Maheshwari Nagara 7th Cross		2	108.00	0.70	0.45	68.04		
	Maheshwari Nagara 6th A Cross		2	115.00	0.70	0.45	72.45		
							314.53	75.60	**23778.00**
	Basic Rate	70.00							
	Add Area Weightage 8%	5.60							
	Total	**75.60**							
2	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. Close graded granular sub-base material as per 400-1 For Grading- I Material**(P.151/I.20.4.2 -SR 2014-15)**	Cum							
	Maheshwari Nagara 5th Cross		2	114.50	0.90	0.15	30.92		
	Maheshwari Nagara 6th Cross		2	114.50	1.00	0.15	34.35		
	Maheshwari Nagara 7th Cross		2	108.00	0.70	0.15	22.68		
	Maheshwari Nagara 6th A Cross		2	115.00	0.70	0.15	24.15		
							112.10	1298.16	**145517.00**
	Basic Rate	1202.00							
	Add Area Weightage 8%	96.16							
	Total	**1298.16**							

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 **(P.154/I.20.18 SR 2014-15)**	Cum							
	Maheshwari Nagara 5th Cross		2	114.50	0.90	0.20	41.22		
	Maheshwari Nagara 6th Cross		2	114.50	1.00	0.20	45.80		
	Maheshwari Nagara 7th Cross		2	108.00	0.70	0.20	30.24		
	Maheshwari Nagara 6th A Cross		2	115.00	0.70	0.20	32.20		
							149.46	1438.56	**215007.00**
	Basic Rate	1332.00							
	Add Area Weightage 8%	106.56							
	Total	**1438.56**							
4	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 **Page No. 157/ Item No. 21.6/ SR 2014-15**	Sqm							
	Maheshwari Nagara 5th Cross		2	114.50	0.90		206.10		
	Maheshwari Nagara 6th Cross		2	114.50	1.00		229.00		
	Maheshwari Nagara 7th Cross		2	108.00	0.70		151.20		
	Maheshwari Nagara 6th A Cross		2	115.00	0.70		161.00		
	Basic Rate	32.00					**747.30**	34.56	**25827.00**
	Add Area Weightage 8%	2.56							
	Total	**34.56**							
5	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.**P157 I.21.2 SR2014-15**	Sqm							
	Maheshwari Nagara 5th Cross		1	114.50	5.25		601.13		
	Maheshwari Nagara 6th Cross		1	114.50	6.20		709.90		
	Maheshwari Nagara 7th Cross		1	108.00	5.90		637.20		

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Maheshwari Nagara 6th A Cross		1	115.00	4.95		569.25		
							2517.48	3.02	**7613.00**
	Basic Rate	2.80							
	Add Area Weightage 8%	0.22							
	Total	**3.02**							
6	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 .**P157 I.21.7 SR2014-15**	Sqm							
	Maheshwari Nagara 5th Cross		1	114.50	5.25		601.13		
	Maheshwari Nagara 6th Cross		1	114.50	6.20		709.90		
	Maheshwari Nagara 7th Cross		1	108.00	5.90		637.20		
	Maheshwari Nagara 6th A Cross		1	115.00	4.95		569.25		
							2517.48	18.74	**47172.00**
	Basic Rate	17.35							
	Add Area Weightage 8%	1.39							
	Total	**18.74**							
7	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH /Chapter 5. With 60/70 grade bitumen. Page No. 158/ Item No. 21.11.6/ PWD SR 2014-15	Cum							
	Maheshwari Nagara 5th Cross		2	114.50	0.90	0.04	8.24		
	Maheshwari Nagara 6th Cross		2	114.50	1.00	0.04	9.16		
	Maheshwari Nagara 7th Cross		2	108.00	0.70	0.04	6.05		
	Maheshwari Nagara 6th A Cross		2	115.00	0.70	0.04	6.44		
	Maheshwari Nagara 5th Cross						**29.89**	6908.76	**206517.00**
	Basic Rate	6397.00							

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Add Area Weightage 8%	511.76							
	Total	**6908.76**							
8	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler,transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications.25-30mm compacted thickness with 5% bitumen 60/70 grade (Grading II)**(P.176/I.21.20.2) PW, P & IWTD - SR 2014-15)**	Cum							
	Maheshwari Nagara 5th Cross		1	114.50	5.25	0.03	18.03		
	Maheshwari Nagara 6th Cross		1	114.50	6.2	0.03	21.30		
	Maheshwari Nagara 7th Cross		1	108.00	5.9	0.03	19.12		
	Maheshwari Nagara 6th A Cross		1	115.00	4.95	0.03	17.08		
							75.52	9851.76	**744047.00**
	Basic Rate	9122.00							
	Add Area Weightage 8%	729.76							
	Total	**9851.76**							
9	Carriage of Mixed Material Page No.186 Note PWD SR Of 14-15 -		**Qty Vide Item No 2+3+7+8**				366.97	52.11	**19123.00**
	1st to 2nd KM	**5.75**							
	2nd-5th KM	**16.50**							
	5th-10th KM	**26.00**							
		48.25							
	Area Weightage 8%	**3.86**							
	Total	**52.11**							
10	Disposal of Debris to the final place of disposal with all lead and lifet and as direction by the engineer in charge of the work, lead 4 km a)Basic Rate for haulage of materials as per item No.17.4/KSRRB :M100-4.1.... Rs 2.0 Tonne/Km B) Average earth of Work 1.28 Tonne /Km for Rs.2.00/Km C) Add loading and unloading Charges -		**Qty Vide Item No 1**				314.53		
	Qty Vide Item no. 1						314.53	78.24	**24609.00**
	2x1.28x4Kmtrs	**10.24**							
		62.20							
	Basic Rate	**72.44**							
	Add Area Wightage 8%	**5.80**							
	Total	**78.24**							
							Total		1459210.00

Sl. No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
8	KRIDL Charge 10% & Q. C Charge 1%= 11%				—	L.S	—		179850.00
9	Miscellaneous and UnforessenCharges +1% QC testing charges				—	L.S	—		2086.00
								Total	1635000.00

(Rupees Sixteen Lakhs Thirty Five Thousand Only) B.F. Rs 1459210/-

(Sl.10) — L.S — Rs 160514=00
(Sl.11) — L.S — 15276=00
Grand total Rs 1635000/-

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2012-13
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

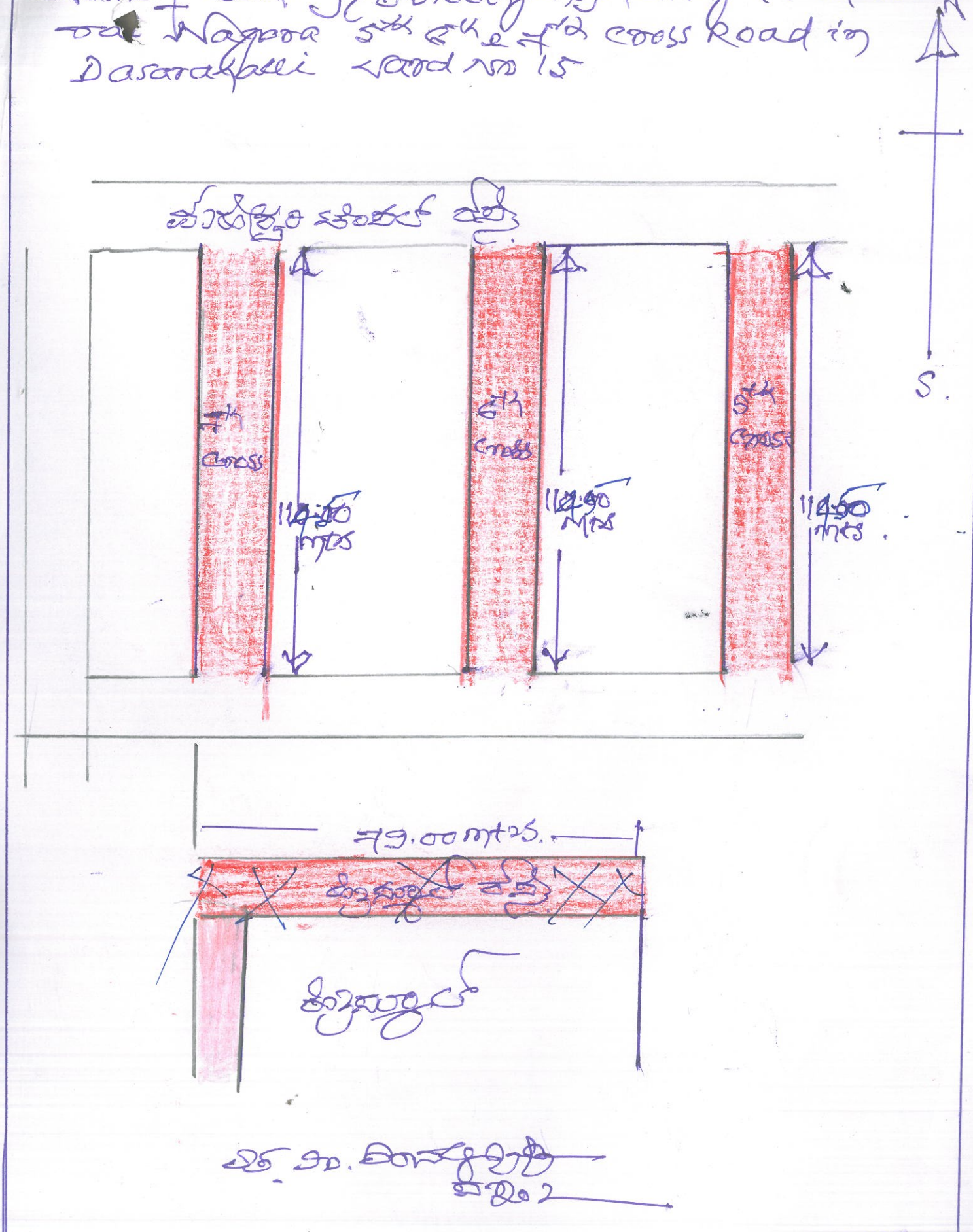
Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

J.N. Code - 15-15-000023 . P.1771 . POW works.

ನಂ. CE/DD/AS/178/14-15 Pg 34 ದಿನಾಂಕ : 25-03-2015
ರೂ. 16,35,000/- (ಹದಿನಾರು ಲಕ್ಷ ಮುವತ್ತ ಐದು ಸಾವಿರ) ..... ಗಳ
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. CE/DD/DS/278/14-15 ದಿನಾಂಕ : 27/3/2015
ರೂ. 16.35 Lakh (Sixteen lakhs Thirty five Thousand only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Name of work: Providing asphalting to main road and Nagarabavi 5th cross road in Dasarahalli ward no 15



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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು